

# VistaSoft – The heart of your digital practice

Simple, intuitive and tailored to your needs



over **50** YEARS  
X-RAY TECHNOLOGY

# Self-explanatory and efficient

The imaging software for digital workflows in dental practices



From acquiring and editing radiographs and camera images to sharing images via the cloud and planning implants and drill templates – VistaSoft brings together all of the different threads of dental imaging. The latest generation of highly efficient imaging software offers a range of additional modules and maps the complete digital workflow of your dental practice. Thanks to the one-click principle, VistaSoft is quick to learn and intuitive to operate. The design has also been optimised for professional diagnostics so that it offers you the best-possible support. VistaSoft is networkable and works with all current digital X-ray systems and intraoral cameras from Dürer Dental. You can also integrate third-party scanning units via a TWAIN interface.

## Key features:

- **One-click principle** – all of the main functions are only a single mouse click away
- **Self-explanatory icons** for intuitive operation
- **Ergonomic design** with simple and well thought-out workflows for efficient operation
- **Modern saving concept** – changes are saved automatically

# All important features are just one click away

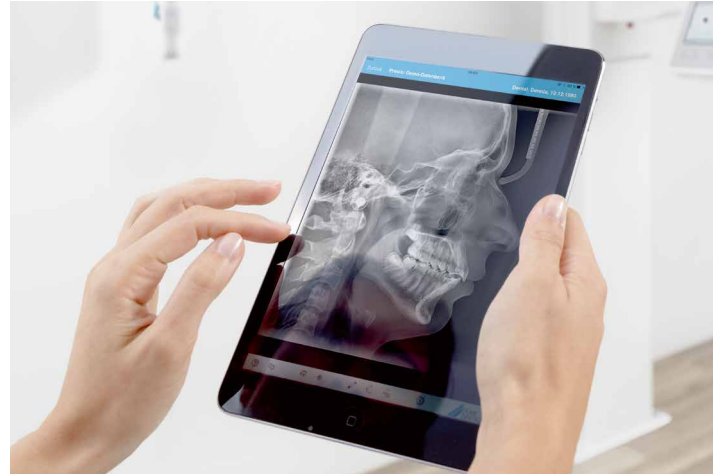
The **one-click principle** makes VistaSoft extremely ergonomic and efficient to use. With just a single click of the mouse, you can activate devices for image acquisition, scan in an image plate, open an image, perform image processing and much, much more. This not only accelerates the workflow with VistaSoft, but also increases reliability. This will make your work faster than ever before.

## Modern saving concept

Self-explanatory icons make for even more intuitive handling. In addition, changes to settings are saved automatically, along with inputs and the image status. This makes everything even faster than before and helps to prevent mistakes being made.

## Easy image comparisons on the light table

Display video, X-ray and 3D images on a shared digital light table. This will enable you to consult a wide range of different X-ray images for diagnostics. Similarly, all notes created in a layer of a CBCT image can be located with the aid of a list, with no time-consuming searches. One click switches the view to the corresponding layer. The integrated visualisation of implants will help you when communicating with your patients.



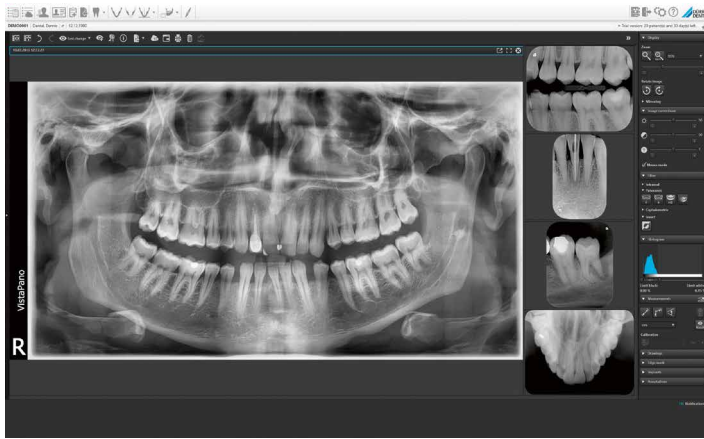
## Mobile Connect: Optimum patient communication via iPad

With the aid of the Imaging App, you can send scanning tasks or X-ray tasks directly from an iPad to VistaSoft. In addition, you can also view X-ray images and camera images together with your patients on the iPad, which helps patients understand the treatment they are receiving.

## The modules of VistaSoft at a glance:

- **VistaSoft Basic:** Viewing images
- **VistaSoft X-ray:** Acquisition and editing of X-ray images
- **VistaSoft Video:** VistaCam functions
- **VistaSoft Implant & Guide:** Implant and drill template planning
- **VistaSoft Cloud:** Secure sharing of image data
- **VistaSoft MobileConnect:** iPad connection
- **VistaSoft Inspect:** Inspection tool for acceptance tests and consistency checks, as well as for monitor tests and image plate quality checks
- **VistaSoft DICOM Starter:** Connection to DICOM systems
- **VistaSoft 3D:** Viewing and acquiring CBCT images

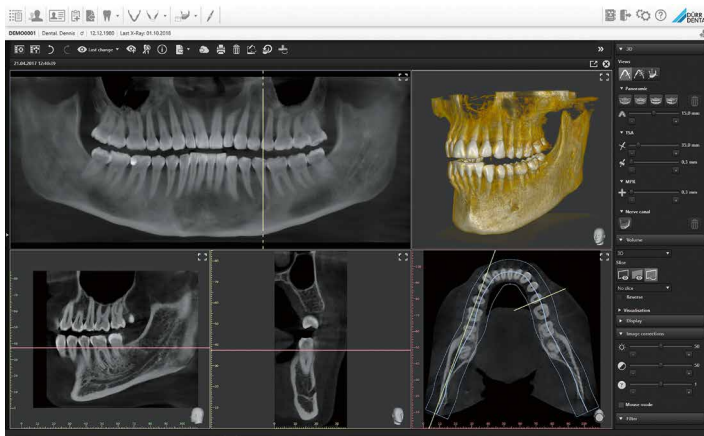
# Viewing and editing X-ray images with VistaSoft



## VistaSoft X-ray

The VistaSoft X-ray module is compatible with all current X-ray and scanner systems from Dürr Dental. The software enables fast and reliable use of digital X-ray systems with highest image quality.

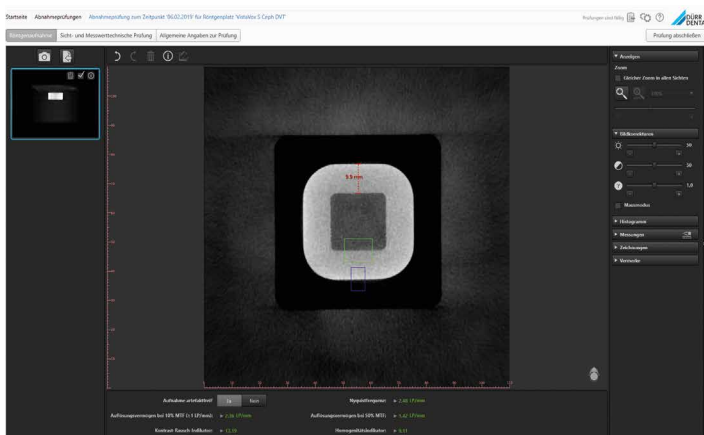
Use the Endo, Caries and Perio digital filter functions as diagnostic aids to adjust the contrast and sharpness of your radiographs so that the images reveal more diagnostic information.



## VistaSoft 3D

VistaSoft 3D offers different views for your diagnosis of CBCT images: panoramic views, transversal layer images (TSA) and multiplane reconstruction (MPR). These can be rotated and tilted for perfect alignment. In the process, a 'navigation head' always displays the current position so that orientation is much easier.

The rendered OPG view provides you with even more assistance when navigating the 3D volume. The panoramic curve required for this is automatically positioned by VistaSoft. Selection of the correct implant is facilitated by the easy process of drawing the nerve canal in the image.



## VistaSoft Inspect

Safety first. This is why VistaSoft Inspect allows you to perform monitor tests, acceptance tests and consistency checks very easily. In addition, VistaSoft Inspect offers the opportunity to continuously check the condition of your image plates with the aid of the image plate quality check\*. This will help you to ensure that the exceptional quality of the Dürr Dental systems is continuously monitored and maintained.

\*The image plate check is compatible with the latest Dürr Dental image plate scanners.



## VistaSoft Video

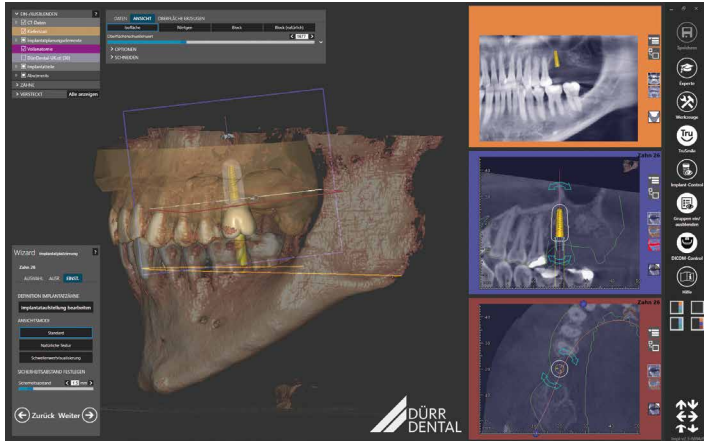
Start, view, edit: with VistaSoft you can easily control all current camera systems from Dürr Dental. Here, alongside intraoral, extraoral and macro images, you also have access to additional functions to help you with your diagnosis. The Proof function can be used for reliable detection of caries and plaque. The Proxi function will help you with the diagnosis of approximal caries.

## VistaSoft DICOM

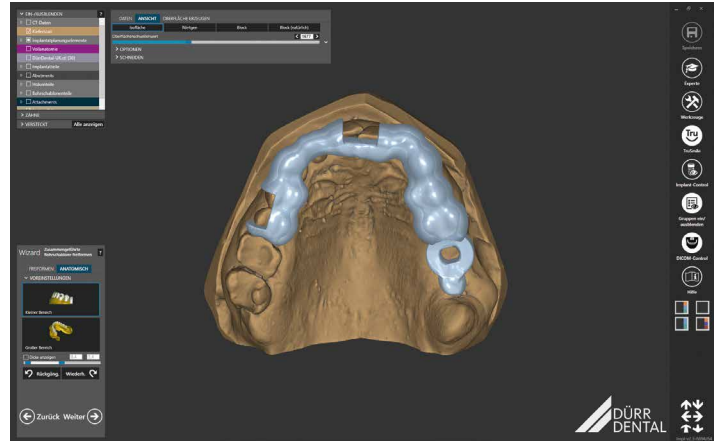
Diagnostic exchange, interdisciplinary assessment of findings, co-treatment by colleagues: with the DICOM interface from VistaSoft you can very easily receive patient data from DICOM systems and send images to DICOM systems. In the process, VistaSoft supports DICOM Modality Worklist for receiving order data and DICOM Storage for sending images.

# User-friendly implant planning

## VistaSoft Implant & Guide



Intuitive and efficient implant planning



User-friendly drill template planning

## Implant planning – simple and intuitive

With VistaSoft Implant, you have access to a state-of-the-art tool for complete pre-surgical implant planning. It maps the entire digital workflow on the basis of 3D data records, which have been created e.g. with VistaVox S. In addition, you can also use digital impression scans in all standard formats. CBCT data and surface scans can be combined together more easily in VistaSoft Implant, thus helping you to achieve the highest possible accuracy and perfect results.

With VistaSoft Implant, you can carry out the entire backward planning process – from the crown to the actual implant. A guided workflow leads you through the software and ensures simple and understandable planning, allowing you to use a wide range of different crown types and implants. The resulting planning data is saved as an open source STL file, which you can then forward e.g. to a laboratory together with an automatically generated report.

## Simple design of drill templates

VistaSoft Guide enables you to plan different types of drill templates. Typically for Dürr Dental, all data is saved in the form of open source STL files, which means that it can be further processed on any platform. This allows you to send the data directly to an external research centre. Alternatively, you can create the drill template with a 3D printer or a milling system directly on-site yourself.

### Implant and drill template planning with VistaSoft – your advantages:

- Step-by-step user guidance throughout the entire planning process
- Optimum planning of the implant seat
- Simple matching of optical scan data and 3D data
- Straightforward exchange of data thanks to the open source STL files

# Data exchange made easy



## VistaSoft Cloud

The VistaSoft Cloud offers the perfect platform for sharing X-ray images simply, cost-effectively and efficiently with colleagues, laboratories, clinics or patients. With just one click and the corresponding e-mail address you can share and comment on images in the cloud. It could not be more efficient.

The transmission of image data via the cloud is performed in accordance with the requirements of the General Data Protection Regulation (GDPR).

## Optimally connected

VistaSoft offers optimum connections to the practice administration. The exchange of patient information, image data and billing information takes place simply and reliably via the VDDS media interface.

# VistaSoft: system requirements

Version 2.0 or higher

<b>CPU:</b>	≥ Intel Core i3
<b>RAM:</b>	≥ 4 GB
<b>Operating systems:</b>	Compatible with latest Windows operating systems. Please refer to the following link for current systems: <a href="http://www.duerrdental.com/vistasoft-system">www.duerrdental.com/vistasoft-system</a>
<b>Hard disk:</b>	Workstation (without database) ≥ 50 GB The database memory requirements depend on the number of images taken at the surgery in question. (Camera image: approx. 1 MB, X-ray image: approx. 2 MB - 10 MB, CBCT: 200 - 300 MB)
<b>Drive:</b>	DVD ROM
<b>Data backup:</b>	Daily data back-up
<b>Interface:</b>	Ethernet ≥ 100 Mbit
<b>Graphics card:</b>	Min. resolution ≥ 1280 x 1024, Depth of colour 32-bit, 16.7 million colours Recommended for 3D X-ray images: NVIDIA GeForce 750 2 GB
<b>Diagnostic monitor:</b>	In accordance with DIN 6868-157, room category 5 or 6 (depending on the requirements)
<b>Notes:</b>	Data migration is possible from an existing DBSWIN installation into VistaSoft from DBSWIN 5.11 or higher. VistaSoft Implant & Guide in conjunction with exocad GmbH.



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